

# GLERL Science Review

March 22-24, 2016

## First Review Team Conference Call

Wednesday February 17, 1- 2 pm ET

Dial-In **866-916-3537** participant code **6879456**

# Roll Call for February Conference Call

## Review Panel Members

- Dale J. Hoff (*EPA*), *Chair*
- Dorothy Hall (*Univ. of Maryland*)
- Thomas O'Reilly (*MBARI*)
- Robert Weller (*WHOI*)
- Robert Sterner (*Univ. of Minnesota*)
- Russell Kreis (*EPA*)
- Ram Yerubandi (*Environment Canada*)
- Kenneth Rose (*LSU*)

*Thank you for being a reviewer!*

# Participating in Call from OAR

- **Steven Fine** – OAR Deputy Assistant Administrator
- **Philip Hoffman** – OAR HQ coordinator
- **Deborah Lee** – GLERL Director
- **Margaret Lansing** – GLERL Review Coordinator
- **Laura Newcomb** – OAR HQ staff
- **Mary Anne Whitcomb** – OAR HQ staff

# Purpose & Agenda of This Call

Purpose: General orientation for the review

Agenda:

- Dates of review are March 22-24, 2016 in Ann Arbor, MI
- Purpose of the science review
- Scope of the review
- Charge to the reviewers
- Preliminary agenda for review
- Input requested on review agenda
- Travel arrangements
- Materials for the review and review website
- Questions

# Purpose of Review

- Laboratory science reviews are conducted about every 5 years. GLERL's last review was conducted in 2010. For GLERL, the review period is 2010-present.
- Evaluate quality, relevance, and performance of research to both internal and external interests
- Strategically position laboratory in its planning of future science
- Intended to ensure research is linked to NOAA strategic plan, mission, and priorities. Preliminary documentation has been posted on the review website: <http://www.glerl.noaa.com/review2016>
- Sole purpose of planning and executing the review is to support review team in reaching their conclusions.

# Scope of Review

## Research Areas:

- Observing Systems and Advanced Technology
- Ecosystems Dynamics
- Integrated Physical and Ecological Modeling and Forecasting

# Charge to Reviewers

(Refer to [GLERL Review Panel Guide](#))

## Three focus areas:

**Quality**: Assess quality of research over the last 5 years, and whether appropriate approaches are in place to ensure high quality work will be performed in the future.

**Relevance**: Assess the degree to which research and development is relevant to NOAA's mission and of value to the Nation.

**Performance**: Assess the overall effectiveness with which the laboratory plans and conducts its research and development.

## Charge to Reviewers (cont.)

- Each reviewer is asked to independently prepare written evaluations (see Evaluation Worksheets in the *Review Panel Guide*).
- While each reviewer does not have to complete an evaluation for all review areas, the review panel should coordinate assignments so that each research area has at least two evaluations.
- Each evaluation, per research area, should include an overall rating of “Highest Performance,” “Exceeds Expectations,” “Satisfactory,” or “Needs Improvement.”
- The criteria for these ratings are in the *Review Panel Guide* document and on the Evaluation Worksheets.
- Please identify the specific areas for improvement for a rating of “Needs Improvement.”



## Charge to Reviewers (*cont.*)

- The Chair, Dr. Dale Hoff, will prepare a draft summary report of the individual evaluations but will not do a consensus review.
  - The Chair will summarize the individual reviewer evaluations to develop a list of actionable recommendations
  - The Chair will submit the draft summary report as well as the individual reports to Philip Hoffman, OAR HQ coordinator and Steve Fine, OAR DAA for Laboratories and Cooperative Institutes within 45 days of the review.
- In the individual and draft summary reports, we would appreciate your feedback on the review process, including any sessions or information that could have been omitted without impacting the quality of your review. We will use this feedback to refine our review process and reduce any unnecessary review preparation for the laboratories.

## Charge to Reviewers (*cont.*)

- Within 30 days of the draft summary report submission to the OAR DAA, OAR will provide any technical clarifications to the review team.
- Within 30 days of receiving OAR comments on the draft report, Dr. Dale Hoff is asked to provide the final summary report and any updated individual evaluations to the OAR Assistant Administrator, Craig McLean, with a copy to Philip Hoffman.

# Preliminary Agenda Highlights

- Presentations and poster sessions on the three research areas
- There is time to ask questions during the presentations and at the end of each session
- Staff from GLERL, OAR HQ, and NOAA will be attending the review presentations but only reviewers will ask questions. Science presentations will be broadcast by webinar. *Remote participants in listen mode only*
- Tuesday Dinner (3/22) with reviewers and GLERL Science Council (*Director, Acting Deputy Director, Science Theme Leads*)
- Roundtable lunch sessions with reviewers and GLERL scientists (*no laboratory management present*)
  - Tuesday (3/22) session with federal support scientists
  - Wednesday (3/23) with Cooperative Institute and contractor staff

# Preliminary Agenda Highlights (cont.)

- Closed reviewer sessions in a dedicated conference room
- 2 Concurrent stakeholder interview sessions  
Individual ~20-minute interviews (*In-person or via telecon*) with nine stakeholders
  - Review panel will receive written answers to stakeholder questions before the review.
  - Reviewers divide themselves between the sessions
- *Upon request GLERL will arrange additional time for reviewers visit any laboratory facilities of particular interest*
- Questions?

# GLERL Stakeholders

Arthur Allen, U. S. Coast Guard Office of Search and Rescue

John Allis, USACE Detroit District

Larry Liou, NASA Glenn Research Center

Jerry Popiel, US Coast Guard 9th District

Brian Miller, IL-IN Sea Grant

John Dettmers, GLFC/Lake MI Tech Committee

Kelli Paige, Great Lakes Observing System

Peter Kowalski, Ontario Power Generation - Niagara River Control Centre

Scott Moegling, Cleveland Water Department

# Questions for Stakeholders' Written Input

1. Please provide a short summary (a paragraph) of your research, your position, your organization, and your connections with GLERL.
2. Please describe the GLERL research and information products you use and how they contribute to your work and the mission of your organization.
3. Please summarize why, in your opinion, GLERL's research and information products are important. Is GLERL making a difference? How useful is GLERL's information to you the stakeholder? How is it being used by other stakeholders? How effective is it in supporting management or policy formulation related to environmental issues? Does it benefit the public?
4. What is your assessment of the quality of GLERL's work? Based on your knowledge of GLERL, do you think that appropriate approaches are in place to ensure that high quality work will be performed in the future?
5. What is your assessment of the effectiveness with which GLERL incorporates the needs of stakeholders in its work? How effective is GLERL's communication of research and information products to stakeholders?
6. What new research or information products from GLERL would be useful in your opinion? Does GLERL need to improve upon its research communications with stakeholders? If yes, what should be done?

# Travel Arrangements

- Barb Gerych at GLERL will assist with reviewer travel arrangements  
[Barbara.gerych@noaa.gov](mailto:Barbara.gerych@noaa.gov) 734-741-2394
- A block of rooms has been set up at the [Kensington Court Hotel](#)
- Van transportation for reviewers will be provided to and from hotel and GLERL
- GLERL will provide UPS envelopes to each reviewer to mail in their travel expense receipts upon their return home.
- Reviewers are asked to bring photo ID's (passports for the international reviewers) for security clearance
- Reviewers can bring their laptops to access GLERL Guest internet network

# Materials For Review

- Charge letter (soft copy e-mailed, hard copy mailed)
- Review Panel Guide (attached to this email)
- Preliminary materials including agenda are posted on the GLERL review website <http://www.glerl.noaa.com/review2016>
- Final materials including science presentations will be posted on the GLERL website by March 7.
- List of stakeholders (included in this presentation)
- Stakeholder responses to the questions to be provided in advance of the review.

*Are there any questions on the materials provided electronically or on materials currently posted on the website?*



## Timetable Before Review

- Travel arrangements will be completed/finalized in February
- Final materials, including presentations, will be posted on review website by March 7
- Second and final review planning teleconference to be held **Friday, March 11, 2–3 pm** US Eastern Standard Time
- Printed materials from the website will be available at the review or can be sent to the reviewers prior to the review (*if requested*)

*Thank You*

**Questions?**